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March 6, 2002

BOX PATENT APPLICATION

Commissioner for Patents

Washington, D.C. 20231

Re: Application of Junichi MASUDA, Edward J. UNSWORTH, Jeffrey A. KOWALAK and Sanford P. MARKEY
MULTI-DIMENSIONAL LIQUID CHROMATOGRAPHY SEPARATION
Assignees: **Shimadzu Corporation and The Government of the United States of America, as represented by the Secretary, Department of Health and Human Services**
Our Ref. Q67959

Dear Sir:

Attached hereto is the application identified above comprising 17 sheets of the specification, including the claims and abstract, 7 sheet(s) of drawings, executed Assignments and PTO 1595 forms, and executed Declaration and Power of Attorney. Also enclosed is an Information Disclosure Statement and PTO form 1449, and Appendix (Equipments utilized in the embodiments disclosed in the specification: 6 documents).

The Government filing fee is calculated as follows:

Total claims	4 - 20	=		X	\$18.00	=	\$0.00
(Total effective claims 6)							
Independent claims	1 - 3	=		X	\$84.00	=	\$0.00
Base Fee							\$740.00
Multiple Dependent Claim Fee							\$280.00
TOTAL FILING FEE							\$1020.00
Recordation of two Assignments							\$80.00
TOTAL FEE							\$1100.00

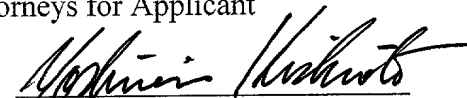
Checks for the statutory filing fee of \$1020.00 and Assignment recordation fees of \$80.00 are attached. You are also directed and authorized to charge or credit any difference or overpayment to Deposit Account No. 19-4880. The Commissioner is hereby authorized to charge any fees under 37 C.F.R. §§ 1.16 and 1.17 and any petitions for extension of time under 37 C.F.R. § 1.136 which may be required during the entire pendency of the application to Deposit Account No. 19-4880. A duplicate copy of this transmittal letter is attached.



Respectfully submitted,
SUGHRUE MION, PLLC

Attorneys for Applicant

By:



Yoshinari Kishimoto

Registration No. 47,327